

Abstract of the Disclosure

A software application for enabling automated notification of applied structural changes to electronic information pages hosted on a data packet network is provided. The software application comprises, a developer-interface module for enabling developers to build and modify navigation templates using functional logic blocks, a navigation system-interface module for integrating the software application to a proxy-navigation system for periodic execution of the templates, a change-notification module for indicating a point in process where a navigation routine has failed and for creating a data file containing parameters associated with the failed navigation routine and a database interface module for interfacing the software application to a data repository for storing the data file. The software application periodically submits test navigation and interaction routines to the navigation system for execution by virtue of the interface with the navigation system. Upon failure of a test routine, the software application creates the data file. The data file, comprises a point-of-failure indication within the failed navigation routine, an identifier of the associated electronic information page subjected to the navigation routine, and a brief description of the cause of failure. The software application stores the data file in the data repository sending notification of the action to the developer.